

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA4264SW *Project* A5727SW-DS
FKP-190

This certificate, issued to S-TEC Corporation
Rt. 4, Bldg. 946
Wolters Industrial Complex
Mineral Wells, Texas 76067

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product — Type Certificate Number: 2A3

Make: Mooney

Model: M20C, M20E

Description of Type Design Change: Installation of S-TEC Two Axis Automatic Flight Guidance System, Model ST-030, with Optional Autotrim System according to Bulletin No. 133, Revision 4, dated 1-28-82 and Master Drawing List No. 9222, Revision D, dated 1-28-82 with Optional Flight Director Steering Horizon, or later FAA approved revision. (14 Volt System)

Limitations and Conditions:

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement P/N 8919 dated 1/27/81 is required for Mooney Models M20C, and M20E with S-TEC System Two Axis Automatic Flight Guidance System, Model ST-030 with Optional Flight Director Steering Horizon.

Compatibility of this modification with other previously approved modifications must be determined by the installer.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: December 24, 1980

Date reissued: 2/10/82; 5/6/82
Revision 2

Date of issuance: January 27, 1981

Date amended:



By direction of the Administrator

(Signature)
Don P. Watson
Acting Chief, Aircraft Certification
Division

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.